



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 86 68 40

Classification of the application (IPC):
F17D 5/02, G01M 3/28, F16K 21/00, E03B 7/00

Technical fields searched (IPC):
G01M, E03B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	GB 2553833 A (UNIV CAPE TOWN [ZA]; UNIV STELLENBOSCH [ZA]) 21 March 2018 (2018-03-21) * abstract; figures 1,8 * * page 1, lines 4-13 * * page 3, lines 15-20 * * pages 9-13 * * page 18 *	1-5
X	US 5046519 A (STENSTROM THEISS [DK] ET AL) 10 September 1991 (1991-09-10) * abstract; claims 1,9,12,14; figures 1-3 * * column 2, line 63 - column 3, line 12 * * column 6, lines 58-65 * * column 7, lines 21-65 *	1-5
X	US 7024919 B2 (AIM TECH CO LTD [JP]) 11 April 2006 (2006-04-11) * abstract; claim 5; figure 1 *	1-5

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 27 October 2023	Examiner Nelva-Pasqual, F
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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| O: non-written disclosure | D: document cited in the application |
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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-5
Fluid network
2. claims: 6-8
Determining probability to seal a leakage
3. claims: 9, 10
Intervention to seal a leakage
4. claims: 11-15
Statistical method for measuring a leakage

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-5

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 27 October 2023	Examiner Nelva-Pasqual, F
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**ANNEX TO SUPPLEMENTARY EUROPEAN
SEARCH REPORT**

 Application number:
EP 20 86 68 40

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 27-10-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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